

FACULTY OF HEALTH SCIENCES
(Department of Environmental Health Science)
2023_2 EXAMINATIONS

Course Code: EHS 317
Course Title: SOLID WASTE MANAGEMENT
Course Unit: 2
Time Allowed: 2 Hours
Total Score: 70 Marks
Instruction: Answer ALL the Questions

- 1a) Define the term solid waste. **(2mks)**
- 1b) List and explain four **(4)** types of solid wastes **(8mks)**
- 1c) Briefly explain with examples five **(5)** classes of solid wastes you know **(5mks)**
- 1d) Enumerate the principles of solid waste management **(5mks)**

- (2a) List any five **(5)** processes involved in Solid Waste Management **(5mks)**
- (2b) Highlight the various means of traditional waste management **(5mks)**
- (2c) Discuss the term Landfill **(4mks)**
- (2d) List and explain three **(3)** components of secured landfill. **(6mks)**

- 3a) Define two most important definitions of Waste Incineration **(4mks)**
- 3b) Enumerate four **(4)** different types of incinerators you know. **(8mks)**
- 3c) Explain the terms Pyrolysis and Gasification in waste treatment **(12mks)**
- 3d) Elucidate on the processes of Biogas Technology **(6mks)**